

FIG.1

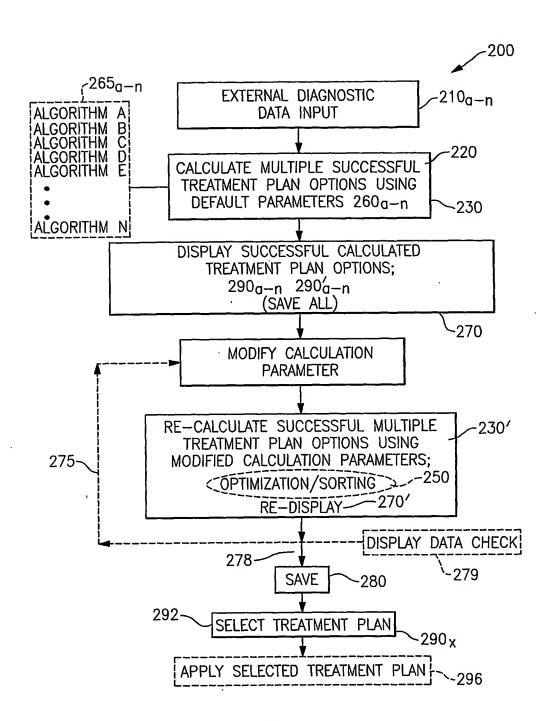


FIG.2

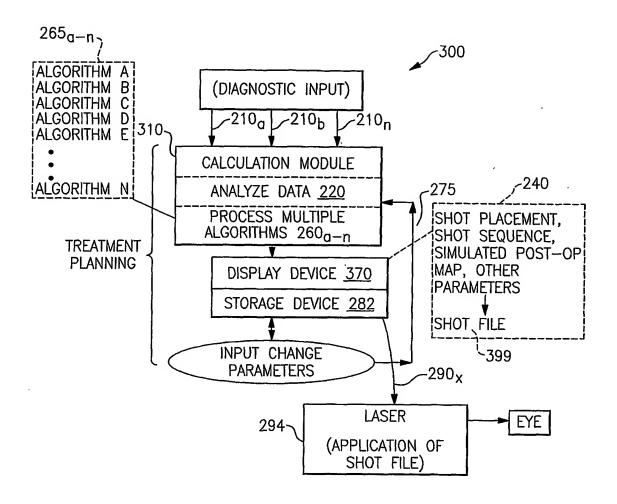
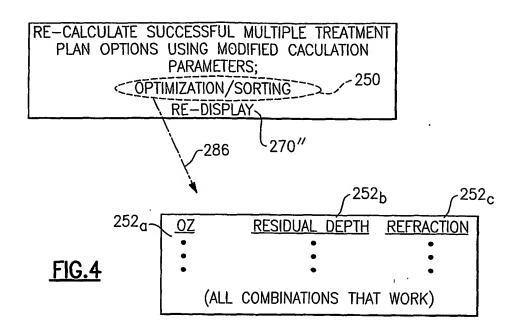
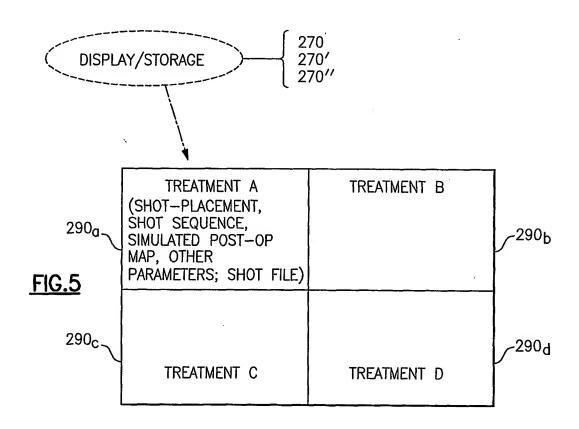
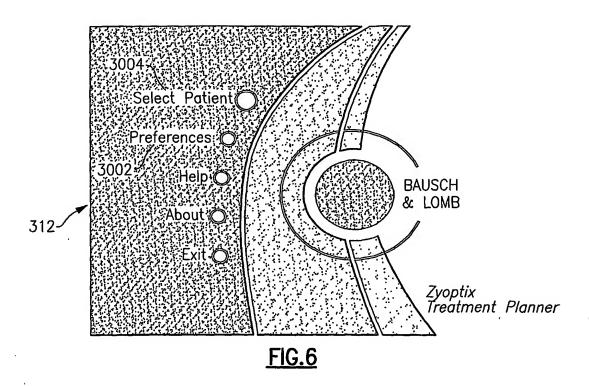


FIG.3



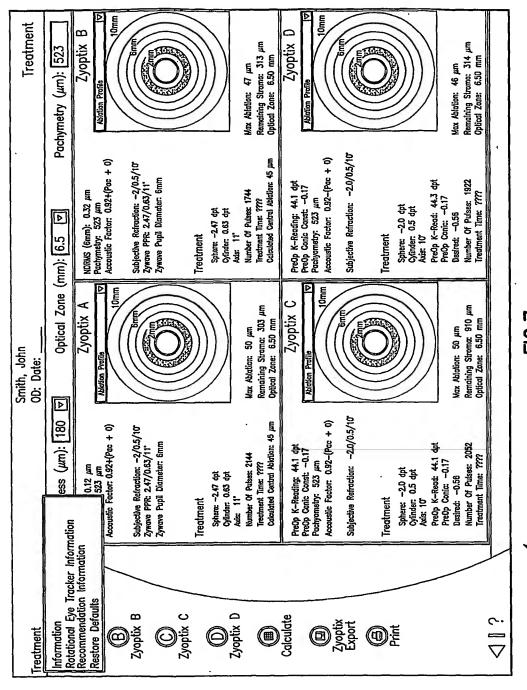




**TABLE** 

PARAMETER	POSSIBLE RANGE	TYPE
SPHERE	-25 D TO +10 D	INPUT
CYLINDER	-10 D TO +10 D	INPUT
AXIS	0° TO 180°	INPUT
K-READING	33 D TO 53 D	INPUT
OPTICAL ZONE	4.5mm T0 8.5mm	INPUT
FLAP THICKNESS	$0\mu$ m TO $300\mu$ m	INPUT
PACHYMETRY	300μm TO 700μm	INPUT
PUPILLOMETRY	4mm TO 11mm	. INPUT
MAX. ABLATION	UP TO 250μm	OUTPUT
NUMBER OF PULSES	UP TO 9000	OUTPUT

FIG.19



HG:/

313-

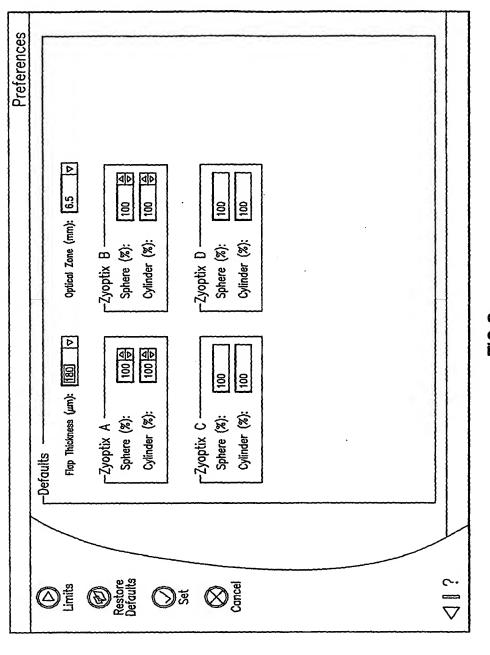
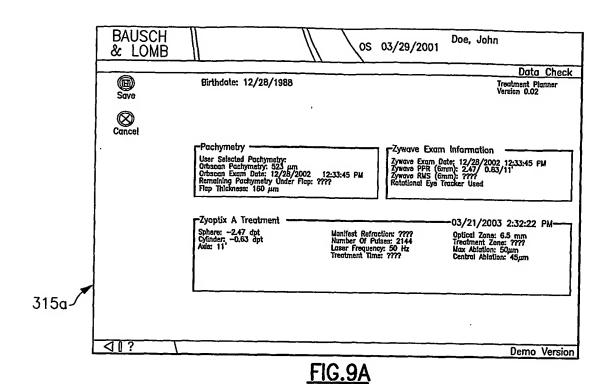


FIG.8



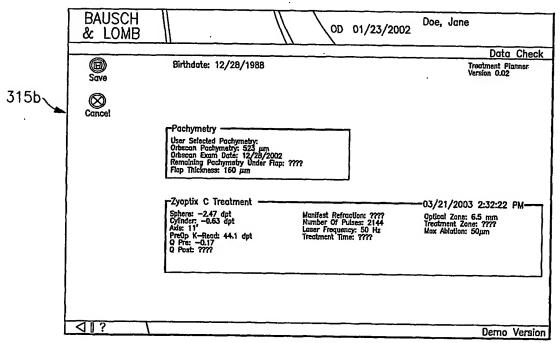


FIG.9B

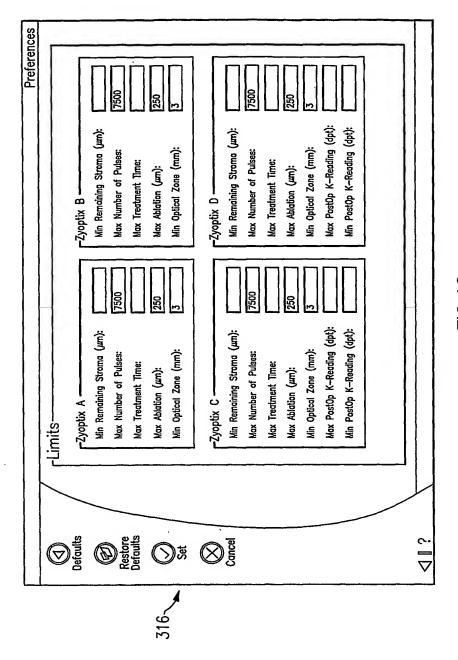
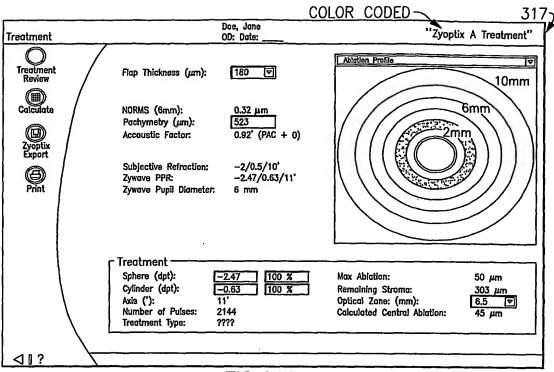


FIG. 10



**FIG.11A** 

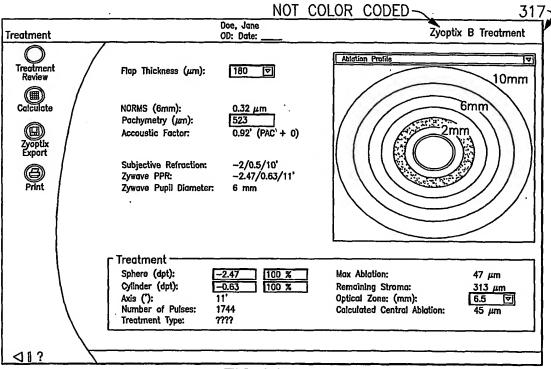
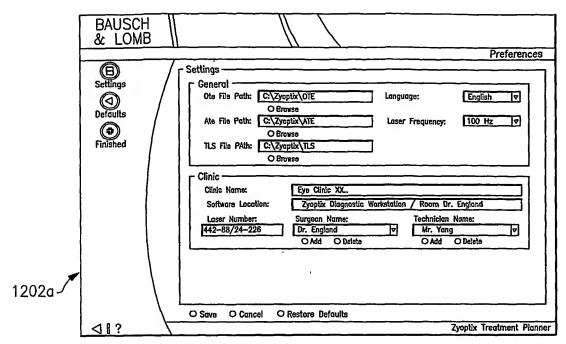
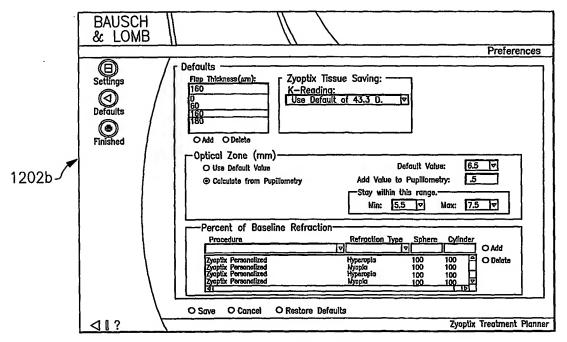


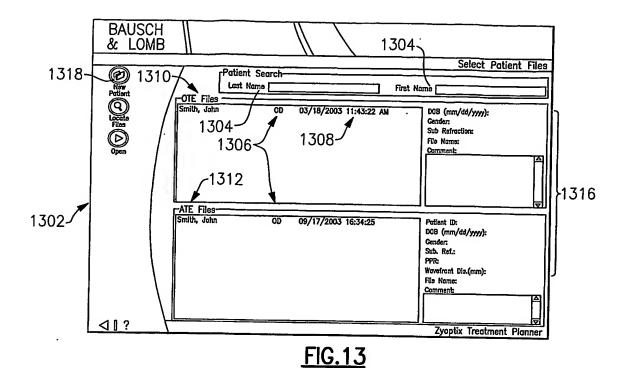
FIG.11B



**FIG.12A** 

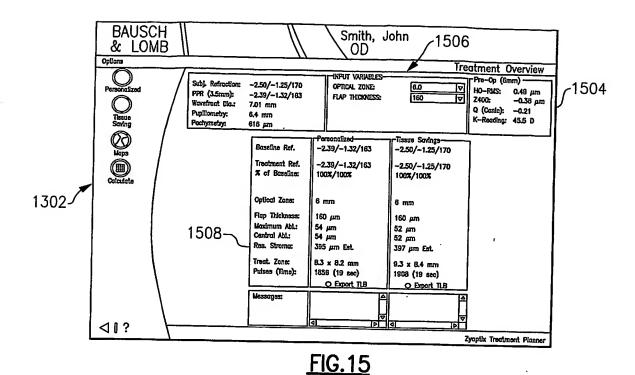


**FIG. 12B** 



BAUSCH & LOMB Patient Information Continue 8 Restore -Patient Information -Eye Information-Patient ID - Eye (Cancel 0000111 **⊕00 ○0**\$ ☐ Retreatment Last Name Subj. Sphere PPR Sphere Smith -2.50 -2.39 1402 First Name Subj. Cylinder PPR Cylinder John -1.25 -1.32DOB (mm/dd/yyyy) Age Subj. Axis PPR Axis 05/27/1967 36 170 163 -Gender Pachymetry (µm) Pupillometry (mm) Male O Female 616 6.4 <11? Zyoptix Treatment Planner

FIG.14



**BAUSCH** Smith, John & LOMB OD OPTIONS Zyoptix Tissue Saving Treatment Coloulate Pre-Op K-Read (D): 43.3 Default P 1615 Pachymetry: 616 µm Ablation Profile Zyoptix Export 1604, Treatment 1606, **~1610** Subj, Refractions 42.5 / -1.25 -1.25 100 / 170 1608 Treatment Refraction: 170 38.9-31.4 F Percent Subj. Ref.: 25.8 Optical Zone (mm): 8.0 ♥ 160 ♥ 20.3 Flop Thickness (um): 9.2 3.7 Max Ablation: 52 μm Residual Stromes 397 µm Ent. O care Treatment Zone: 9.3 x 8.4 mm 1602 Puises (Time): 1908 (19 sec) Messages: 1612 41? Zyoptix Treatment Planner

FIG. 16

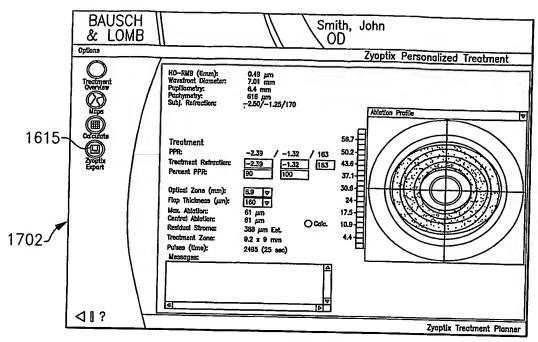


FIG.17

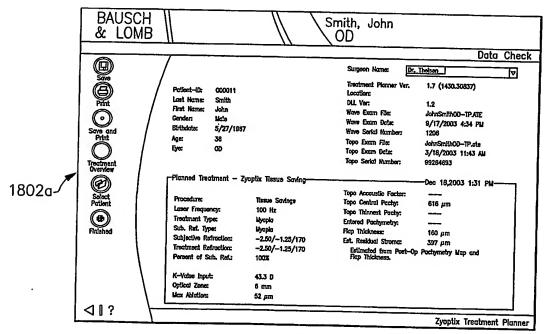
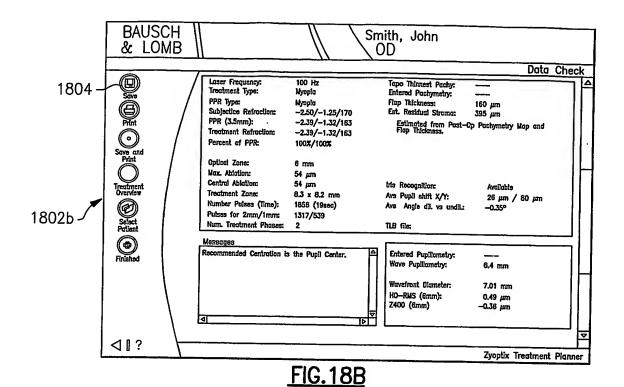


FIG. 18A



BAUSCH Smith, John & LOMB OD Data Check See At Out to Se Pulses for 2mm/1mm: 1317/539 Num. Treatment Phases: TLB file: Messages Recommened Centration is the Pupil Center Enterd Pupillometry: 1802c 🖯 Wave Pupillometry: 6.4 mm Wavefront Diameter: 7.01 mm HO-RMS (6mm): Z400 (6mm) 0.49 μm --0.38 μm 10 Print Comments Pre-Op Q (Conic,6mm): Pre\_op K-Reading(6mm): -0.21 45.5 D White to White: Simks: 46 D & 44.6 D Topo Astig.: -1.4 D @ 168° Angle Kappa: Pup. Center vd Apex: Visual Acuity SC: Visual Acuity CC: Planned Ring Size: □ ? Zyoptix Treatment Planner

FIG.18C